CONSUMER FIREWORKS

Safety & Knowledge

DISCLAIMER

As an operator of consumer fireworks, you are 100% liable for your safety and the safety of others. Any harm to yourself, others or property that may result from your storage, use or handling of consumer fireworks is your responsibility.

The following safety presentation is only intended to inform you of the basic safety required when using consumer fireworks. Neither the State of Illinois nor any Agency or political subdivision thereof, including the Fire Department or Fire Protection District, nor any of their employees makes any warranty, express or implied, or assumes any legal liability or responsibility for your storage, handling or use of consumer fireworks.

CAUTION

- Fireworks are EXPLOSIVES and are always dangerous.
- There is NO safe firework.
- Misuse or abuse of fireworks will result in injury, loss of limb, loss of sight, or loss of life.
- Not paying attention for one second will lead to a lifetime of suffering.
- Be especially careful.

Absolutely, Positively, Without Exception

- NEVER light any firework item while holding it in your hand.
- NEVER hold any firework item that has been lit.

DEFINITIONS

- The DISPLAY SITE is the area where the display will take place. It includes the DISCHARGE SITE, the FALLOUT AREA, the spectator area, and surrounding areas such as those provided for parking.

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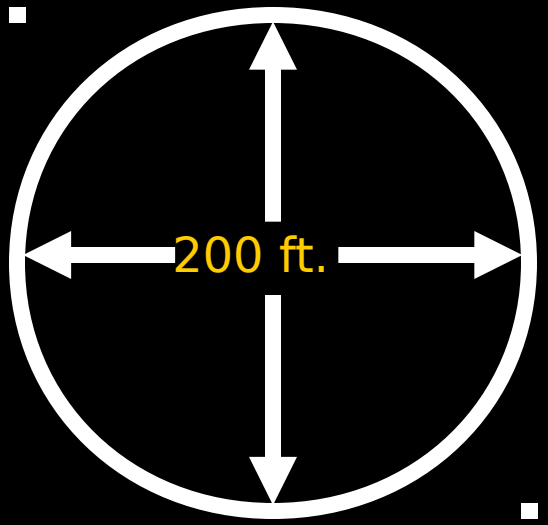
- The DISCHARGE SITE is the area where the fireworks are discharged. It is at the center of the Fallout Area.

- The FALLOUT AREA is the area where debris from the fireworks may fall.

SELECT A SAFE DISPLAY SITE

- For safety, the Discharge Site and Fallout Area must be a safe distance from spectators, cars, buildings etc.

- The FALLOUT AREA must be a minimum of 200 feet in all directions from the DISCHARGE SITE.



CREATE A SAFE DISPLAY SITE

- Mark and secure the Fallout Area using a fence or barrier tape.
  - Remember – minimum of 200 feet in all directions
- Outside of the Fallout Area, mark and secure the Spectator Area.

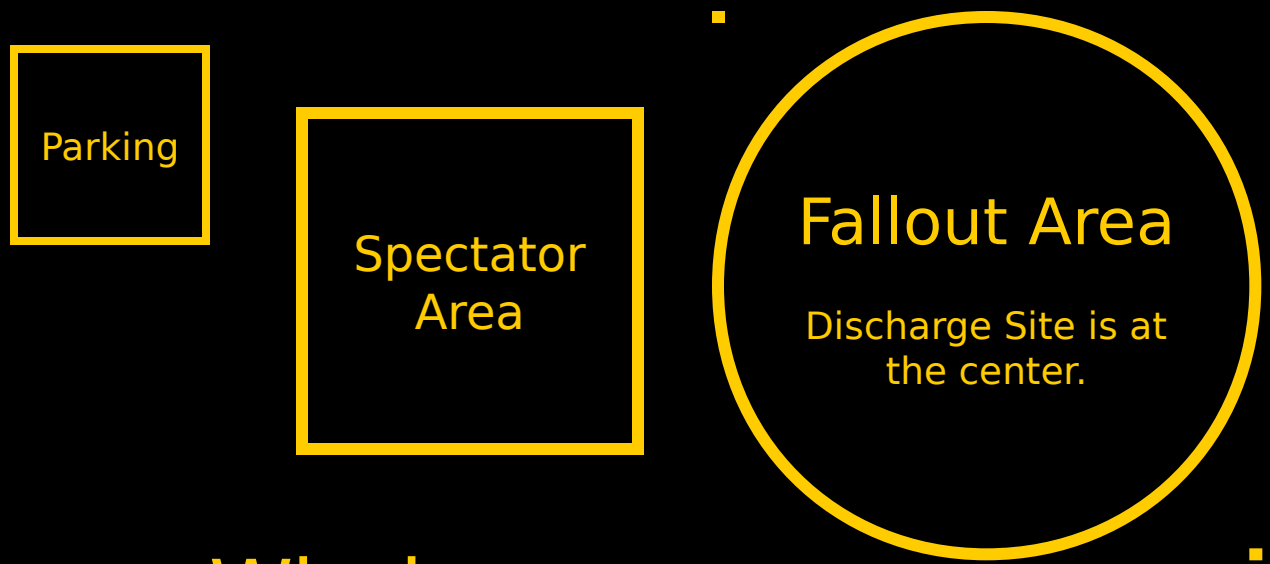
CREATE A SAFE DISPLAY SITE

- Only certified consumer operators (permit holders) are allowed within the Fallout Area.

- Spectators are NEVER permitted within the Fallout Area.

CREATE A SAFE DISPLAY SITE

- The Spectator Area must be on the upwind side of the Fallout Area (i.e. the wind must be at the spectators' backs).



Identify Potential Hazards

- If overhead hazards such as wires and trees exist, move the Discharge Site to a safe location.
- Weather conditions such as wind, rain, and dry weather may be hazardous.
- In dry weather, be sure to water the area.

Identify Potential Hazards

- If winds are 15 mph or more, CANCEL the show.
- Remove combustibles such as wooden structures, yard wastes and tanks from the Fallout Area.
- Be aware of the conditions of other areas where fallout from the fireworks may travel.

Discharge Site

- Site should be a flat, level and smooth surface.
- Site can be made level with the use of a 3/8 inch minimum thickness plywood as the base.

Safety on Site

- The consumer operator should wear protective clothing made of natural fibers:
  - Leather
  - Cotton
- NEVER wear Nylon or Polyester
- Safety Glasses MUST be worn
- Emergency Telephone Numbers should be immediately accessible

Alcohol & Fireworks Do Not Mix!

- The consumer operator (permit holder) cannot have any alcohol before or during the ignition of fireworks.

Safety Items Needed on Site

- READY BOX – A ready box is a covered container where you store fireworks prior to setting them up for discharge.
  - Never use a plastic container. Use wood or metal.
  - Keep the Ready Box covered during the discharge of fireworks to prevent the accidental discharge of the stored fireworks, which can be ignited by the fallout from previously fired material.

Safety Items Needed on Site

- At a minimum distance of 25 feet from the Discharge Site, you need the following items in the Fallout Area:
  - Ready box
  - Bucket(s) of water, Fire Extinguisher or Water hose
  - Sand
  - Shovel

Safety on Site - SPOTTERS

- The spotter’s primary function is to watch where the debris from the explosion travels.
- Spotters should be located around the Display Site.
- Spotters should be positioned where they have a clear view of the entire Display Site.
- You can never have too many spotters.

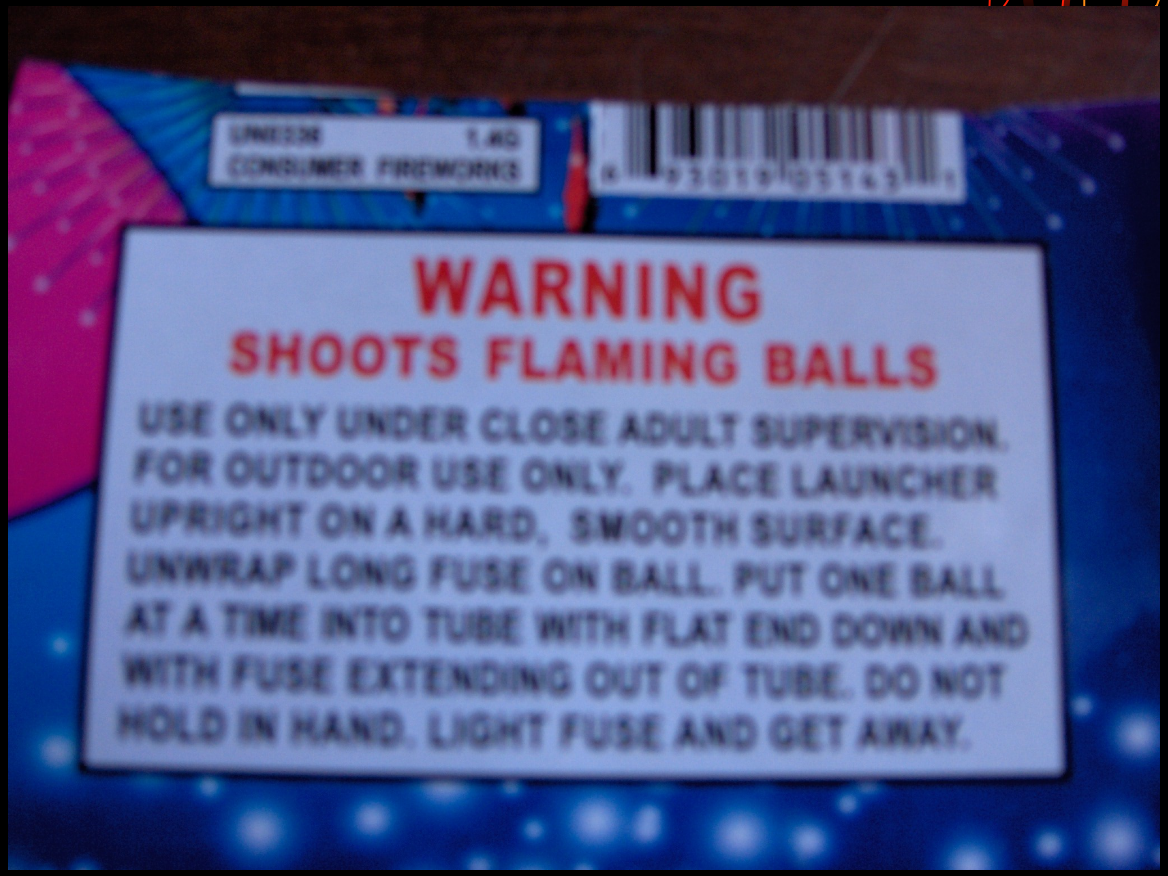
Safety on Site - SPOTTERS

- If a spotter is assigned to watch an area due to dry conditions, make certain he or she has water and/or sand readily accessible for use.
- If debris starts a fire, the show MUST be stopped until the fire is completely extinguished.

Safety on Site - SPOTTERS

- If a spotter sees debris falling outside of the Fallout Area, he or she must tell the consumer operator to STOP the show.
- The consumer operator MUST:
  - Extend the boundaries of the Fallout Area, and
  - Move the spectators to an area outside of the Extended Fallout Area.
- If the boundaries of the Fallout Area cannot be extended, the show must be cancelled.

Read and Follow ALL Instructions on Packaging


CONSUMER FIREWORKS
WARNING
SHOOTS FLAMING BALLS
USE ONLY UNDER CLOSE ADULT SUPERVISION.
FOR OUTDOOR USE ONLY. PLACE LAUNCHER
UPRIGHT ON A HARD, SMOOTH SURFACE.
UNWRAP LONG FUSE ON BALL. PUT ONE BALL
AT A TIME INTO TUBE WITH FLAT END DOWN AND
WITH FUSE EXTENDING OUT OF TUBE. DO NOT
HOLD IN HAND. LIGHT FUSE AND GET AWAY.

Purchasing and Permits

- Only purchase from a retailer that is registered with the Office of the State Fire Marshal
  - Package label must contain the words 1.4G Consumer

Purchasing and Permits

- NEVER use fireworks that:
  - Are leaking powder
  - Appear to be old
  - Show any signs of mishandling
  - Appear to have been wet

Storage & Handling

- Storage of Fireworks
  - Store fireworks in a closed container
  - Store in a cool, dry area away from flammables, heat, and flames.

Fireworks are not Toys – They are Explosives

- No horseplay or irresponsible behavior is permitted.

- Fireworks must be treated with CAUTION and used in the manner intended by the Manufacturer.

Discharge of Display

- Tools used to light fireworks
  - Long reach lighter with child resistant operation
  - Pyro torch
  - Punk

Lighting Methods

- Set up one item (one product) at the Discharge Site at a time.
- Light one item at a time.
- Light the end of the fuse furthest away from the product or across the fuse end.

Lighting Methods

- Do NOT attempt to relight any fireworks.

- Do NOT approach any item that has misfired or did not fire for 15 minutes. Let the item cool down for at least 15 minutes.

Disposal

- To dispose of “duds” – defective fireworks, and misfires:
  - Soak them for 20 minutes in water.
  - After they have been soaked, throw them in a metal trash can.
  - DO NOT BURN THEM

TEST

- Consumer Fireworks Displays are only allowed in those cities, villages, or counties where the local governmental authority has adopted an ordinance permitting such displays. To obtain a permit to perform a Consumer Fireworks Display in one of these cities, villages or counties, you must pass a test of your knowledge of the preceding material. The test is administered by your local fire department, NOT the Office of the State Fire Marshal. Please contact your local fire department for testing dates and locations.
- You will be given a two part test.
- Safety Questions
  - You must have a passing score of 100%.
- Knowledge Questions
  - You must have a passing score of 80%.